

Staikos Associates  
Architects

900 Philadelphia Pike  
Wilmington, DE  
19809

302 764 1678  
302 764 4578 Fax

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Mr. Pedro J. Cuevas

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Application No. 09/895,709

Project No.:

Remarks:

- Corrections to Claims
- Schematic

Copy To:

From:

D.N. Staikos

7/Response  
(NE)  
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January 3, 2003

Mr. Pedro J. Cuevas  
US Patent Examiner  
United States Patent and Trademark Office  
Washington, DC 20231

FAX # (703) 305-1341

Re.: Application No. 09/895,709

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JAN 03 2003

T.C. 2800

We respectfully provide the following in response to Office Communication dated 10/29/2002, concerning Application No. 09/895,709.

We acknowledge that there has been an (typographical) error in our claims as stated in our original application.

We are requesting that consideration be given to the corrected claims, herein submitted, which express our original intent, as was clearly stated in the Abstract accompanying our Application, Line 4 from the end.

What we wanted to state in Claims 1, 3, and 4 was that "...the sprocket wheels themselves are inclined at angles greater than zero, preferably close to 45 degrees from the direction of the wind" and not "...that their axles are inclined ... from the direction of the wind".

It is this tilt of the sprocket wheels with respect to the direction of the wind (when this direction is perpendicular to the sails) that accomplishes 100% increase in power utilization over that of Diggs, other factors being the same.

We submit herein attached, one dimensional diagrams (of complicated three dimensional apparatus), that of Diggs and one typical embodiment of our apparatus along with explanations, to show a comparison between the Diggs unit and our proposed wind driven power generator, and to point to significant differences and to increased efficiency of our own generator over that of Diggs.

We have withdrawn claim 2 as suggested, however, have retained claims 6 and 7 (renumbered 5 and 6) in view of the fact that our unique in construction and power utilization wind driven generator can be used as a "horizontal" or as a "vertical" power-generating unit.

Again, we petition the Examiner to allow the corrected claims herein attached, in lieu of the claims initially submitted which contained the error mentioned.

Respectfully submitted by

D.N. Staikos

D. N. Staikos

This communication is comprised of three (3) pages not including the Transmittal page:

(1) This letter, (2) What we claim, and (3) one page containing sketches and explanatory text